

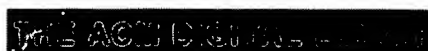


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# 1 [Evolutionary algorithms in data mining: multi-objective performance modeling for](#)

[direct marketing](#)

Siddhartha Bhattacharyya

 August 2000 **Proceedings of the sixth ACM SIGKDD international conference on Knowledge discovery and data mining**

Publisher: ACM Press

 Full text available: pdf(115.20 KB) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)
**Keywords:** Pareto-optimal models, data mining, database marketing, evolutionary computation, multiple objectives

# 2 [Predictive engineering models based on the EPIC architecture for a multimodal high-performance human-computer interaction task](#)



David E. Kieras, Scott D. Wood, David E. Meyer

 September 1997 **ACM Transactions on Computer-Human Interaction (TOCHI)**, Volume 4 Issue 3

Publisher: ACM Press

 Full text available: pdf(368.70 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

Engineering models of human performance permit some aspects of usability of interface designs to be predicted from an analysis of the task, and thus they can replace to some extent expensive user-testing data. We successfully predicted human performance in telephone operator tasks with engineering models constructed in the EPIC (Executive Process-Interactive Control) architecture for human information processing, which is especially suited ...

**Keywords:** cognitive models, usability engineering

# 3 [Business process modeling/reengineering: Customer relations management: call center operations: modelling and simulation of a telephone call center](#)

Juta Pichitlamken, Alexandre Deslauriers, Pierre L'Ecuyer, Athanassios N. Avramidis

 December 2003 **Proceedings of the 35th conference on Winter simulation: driving**

**innovation****Publisher:** Winter Simulation ConferenceFull text available:  pdf(194.26 KB) Additional Information: [full citation](#), [abstract](#), [references](#)

We consider a system with two types of traffic and two types of agents. Outbound calls are served only by blend agents, whereas inbound calls can be served by either inbound-only or blend agents. Our objective is to allocate a number of agents such that some service requirement is satisfied. We have taken two approaches in analyzing this staffing problem: We developed a simulation model of the call center, which allows us to do a what-if analysis, as well as continuous-time Markov chain (CTMC ...

**4** Poster papers: A model for discovering customer value for E-content

Srinivasan Jagannathan, Jayanth Nayak, Kevin Almeroth, Markus Hofmann

July 2002 **Proceedings of the eighth ACM SIGKDD international conference on Knowledge discovery and data mining****Publisher:** ACM PressFull text available:  pdf(719.69 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

There exists a huge demand for multimedia goods and services in the Internet. Currently available bandwidth speeds can support sale of *downloadable content* like CDs, e-books, etc. as well as services like video-on-demand. In the future, such services will be prevalent in the Internet. Since costs are typically fixed, maximizing revenue can maximize profits. A primary determinant of revenue in such e-content markets is how much value the customers associate with the content. Though marketi ...

**5** E-commerce: Ranking configuration parameters in multi-tiered e-commerce sites

Monchai Sopitkamol

December 2004 **ACM SIGMETRICS Performance Evaluation Review**, Volume 32 Issue 3**Publisher:** ACM PressFull text available:  pdf(782.16 KB) Additional Information: [full citation](#), [abstract](#), [references](#)

E-commerce systems are composed of many components with several configurable parameters that, if properly configured, can optimize system performance. Before upgrading existing systems to overcome performance bottlenecks, several areas of a site's architecture and its parameters may be adjusted to improve performance. This paper provides a method to rank key configurable e-commerce system parameters that significantly impact overall system performance, and the performance of the most significant ...

**6** Industry/government track paper: Predicting the product purchase patterns of corporate customers

Bhavani Raskutti, Alan Herschtal

August 2005 **Proceeding of the eleventh ACM SIGKDD international conference on Knowledge discovery in data mining KDD '05****Publisher:** ACM PressFull text available:  pdf(609.39 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

This paper describes TIPPPS (Time Interleaved Product Purchase Prediction System), which analyses billing data of corporate customers in a large telecommunications company in order to predict high value upsell opportunities. The challenges presented by this prediction problem are significant. Firstly, the diversity of products used by corporate telecommunications customers is huge. This, coupled with low product take-up rates, makes this a problem of learning from a very high dimensional feature ...

**Keywords:** SVM applications, area under ROC, learning from few positive examples, upsell

### 7 A cost and performance model for Web service investment



Kai R. T. Larsen, Peter A. Bloniarz

February 2000 **Communications of the ACM**, Volume 43 Issue 2

**Publisher:** ACM Press

Full text available: pdf(113.55 KB)

html(33.01 KB)

Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)



### 8 Item-based top-N recommendation algorithms



Mukund Deshpande, George Karypis

January 2004 **ACM Transactions on Information Systems (TOIS)**, Volume 22 Issue 1

**Publisher:** ACM Press

Full text available: pdf(240.61 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)



The explosive growth of the world-wide-web and the emergence of e-commerce has led to the development of *recommender systems*---a personalized information filtering technology used to identify a set of items that will be of interest to a certain user. User-based collaborative filtering is the most successful technology for building recommender systems to date and is extensively used in many commercial recommender systems. Unfortunately, the computational complexity of these methods grows I ...

**Keywords:** e-commerce, predicting user behavior, world wide web

### 9 Industrial practice I: Can web-based recommendation systems afford deep models: a context-based approach for efficient model-based reasoning



Leiguang Gong

May 2004 **Proceedings of the 13th international World Wide Web conference on Alternate track papers & posters**

**Publisher:** ACM Press

Full text available: pdf(173.42 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)



Web-based product and service recommendation systems have become ever popular on-line business practice with increasing emphasis on modeling customer needs and providing them with targeted or personalized service solutions in real-time interaction. Almost all the commercial web service systems adopt some kind of simple customer segmentation models and shallow pattern matching or rule-based techniques for high performance. The models built based on these techniques though very efficient have a fu ...

**Keywords:** context, model, reasoning, recommendation systems, semantic network

### 10 Formal models-1: Probabilistic model for contextual retrieval



Ji-Rong Wen, Ni Lao, Wei-Ying Ma

July 2004 **Proceedings of the 27th annual international ACM SIGIR conference on Research and development in information retrieval SIGIR '04**

**Publisher:** ACM Press

Full text available: pdf(200.19 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)



Contextual retrieval is a critical technique for facilitating many important applications such as mobile search, personalized search, PC troubleshooting, etc. Despite of its importance, there is no comprehensive retrieval model to describe the contextual retrieval process. We observed that incompatible context, noisy context and incomplete query are several important issues commonly existing in contextual retrieval applications. However, these issues have not been previously explored and discuss ...

**Keywords:** contextual retrieval, probabilistic model, query expansion, query log

11 Evaluating collaborative filtering recommender systems



Jonathan L. Herlocker, Joseph A. Konstan, Loren G. Terveen, John T. Riedl

January 2004 **ACM Transactions on Information Systems (TOIS)**, Volume 22 Issue 1

**Publisher:** ACM Press

Full text available: pdf(253.92 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

Recommender systems have been evaluated in many, often incomparable, ways. In this article, we review the key decisions in evaluating collaborative filtering recommender systems: the user tasks being evaluated, the types of analysis and datasets being used, the ways in which prediction quality is measured, the evaluation of prediction attributes other than quality, and the user-based evaluation of the system as a whole. In addition to reviewing the evaluation strategies used by prior researchers ...

**Keywords:** Collaborative filtering, evaluation, metrics, recommender systems

12 Research track papers: Data mining in metric space: an empirical analysis of supervised learning performance criteria



Rich Caruana, Alexandru Niculescu-Mizil

August 2004 **Proceedings of the tenth ACM SIGKDD international conference on Knowledge discovery and data mining KDD '04**

**Publisher:** ACM Press

Full text available: pdf(267.16 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

Many criteria can be used to evaluate the performance of supervised learning. Different criteria are appropriate in different settings, and it is not always clear which criteria to use. A further complication is that learning methods that perform well on one criterion may not perform well on other criteria. For example, SVMs and boosting are designed to optimize accuracy, whereas neural nets typically optimize squared error or cross entropy. We conducted an empirical study using a variety of lea ...

**Keywords:** ROC, cross entropy, lift, metrics, performance evaluation, precision, recall, supervised learning

13 Introductory tutorials: Output modeling: abc's of output analysis

Susan M. Sanchez

December 2001 **Proceedings of the 33rd conference on Winter simulation**

**Publisher:** IEEE Computer Society

Full text available: pdf(142.45 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

We present a brief overview of several of the basic output analysis techniques for evaluating stochastic dynamic simulations. This tutorial is intended for those with little previous exposure to the topic, for those in need of a refresher course, and especially for those who have never heard of output analysis. We discuss the reasons why simulation output analysis differs from that taught in basic statistics courses and point out how to avoid common pitfalls that may lead to erroneous results an ...

14 Organizational engineering (OE): Towards a Corporate Performance Measurement System



Beate List, Karl Machaczek

March 2004 **Proceedings of the 2004 ACM symposium on Applied computing**

**Publisher:** ACM Press

Full text available: [pdf\(507.75 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#)

Corporate performance measurement is focused too strongly on the traditional functional structure of an organisation and business processes are not measured systematically. Basically, business processes are designed to transform organisational strategies into operation and create a result of value to customers. As a business process is performed by a group of organisational units, processes and the organisational structure are interdependent. Consequently, their performance must not be measured ...

**Keywords:** business processes, data warehouse, performance measurement, workflow management systems

15 Analysis methodology: Panel discussion on current issues in input modeling: panel on current issues in simulation input modeling



Russell R. Barton, Stephen E. Chick, Russell C. H. Cheng, Shane G. Henderson, Averill M. Law, Bruce W. Schmeiser, Lawrence M. Leemis, Lee W. Schruben, James R. Wilson

December 2002 **Proceedings of the 34th conference on Winter simulation: exploring new frontiers**

**Publisher:** Winter Simulation Conference

Full text available: [pdf\(319.82 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#)

In recent years, substantial progress has been made in the development of powerful new approaches to modeling and generation of the stochastic input processes driving simulation models. In this panel discussion, we examine some of the central issues and unresolved problems associated with each of these approaches to simulation input modeling.

16 A ranking and selection project: experiences from a university-industry collaboration



David Goldsman, Barry L. Nelson, Tracy Opicka, A. B. Pritsker

December 1999 **Proceedings of the 31st conference on Winter simulation: Simulation--a bridge to the future - Volume 1**

**Publisher:** ACM Press

Full text available: [pdf\(95.42 KB\)](#) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

17 Applying associative retrieval techniques to alleviate the sparsity problem in collaborative filtering



Zan Huang, Hsinchun Chen, Daniel Zeng

January 2004 **ACM Transactions on Information Systems (TOIS)**, Volume 22 Issue 1

**Publisher:** ACM Press

Full text available: [pdf\(173.30 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Recommender systems are being widely applied in many application settings to suggest products, services, and information items to potential consumers. Collaborative filtering, the most successful recommendation approach, makes recommendations based on past transactions and feedback from consumers sharing similar interests. A major problem limiting the usefulness of collaborative filtering is the sparsity problem, which refers to a situation in which transactional or feedback data is sparse and i ...

**Keywords:** Recommender system, associative retrieval, collaborative filtering, sparsity

problem, spreading activation

18 Applications in logistics, transportation, and distribution: Manufacturing supply chain applications 1: supply chain multi-objective simulation optimization

Jeffrey A. Joines, Deepak Gupta, Mahmut Ali Gokce, Russell E. King, Michael G. Kay  
December 2002 **Proceedings of the 34th conference on Winter simulation: exploring new frontiers**

**Publisher:** Winter Simulation Conference


Full text available:  pdf(177.07 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#)

A critical decision companies are faced with on a regular basis is the ordering of products and/or raw materials. Poor decisions can lead to excess inventories that are costly or to insufficient inventory that cannot meet its customer demands. These decisions may be as simple as "How much to order" or "How often to order" to more complex decision forecasting models. This paper addresses optimizing these sourcing decisions within a supply chain to determine robust solutions. Utilizing an exist ...

19 A cost-benefit decision model: analysis, comparison and selection of data management

Stanley Y. W. Su, Jozo Dujmovic, D. S. Batory, S. B. Navathe, Richard Elnicki  
September 1987 **ACM Transactions on Database Systems (TODS)**, Volume 12 Issue 3

**Publisher:** ACM Press


Full text available:  pdf(3.29 MB) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

This paper describes a general cost-benefit decision model that is applicable to the evaluation, comparison, and selection of alternative products with a multiplicity of features, such as complex computer systems. The application of this model is explained and illustrated using the selection of data management systems as an example. The model has the following features: (1) it is mathematically based on an extended continuous logic and a theory of complex criteria; (2) the decisi ...

20 Measures, models and measurements for time-shared computer utilities

G. Estrin, L. Kleinrock  
January 1967 **Proceedings of the 1967 22nd national conference**

**Publisher:** ACM Press

Full text available:  pdf(1.06 MB) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

Recent literature1-6has summarized many of the characteristics of time-shared systems which have been or are being built for experimental or commercial application. Fortunately system designers are not waiting for a formal theory before experimenting. Unfortunately some of the results are so diverse in effectiveness that greater emphasis on analysis must be achieved. If predictability cannot lower the risks associated with the tremendous investments required to implemen ...

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*Expert Systems with Applications, Volume 26, Issue 4, May 2004, Pages 509-518*  
 Wouter Buckinx, Elke Moons, Dirk Van den Poel and Geert Wets  
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2. ☐ **Efficacy of end-user neural network and data mining software for predicting complex system performance** • ARTICLE  
*International Journal of Production Economics, Volume 84, Issue 3, 11 June 2003, Pages 231-253*  
 Paul F. Schikora and Michael R. Godfrey  
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4. ☐ **Acoustic features and a distance measure that reduce the impact of training-test mismatch in ASR** • ARTICLE  
*Speech Communication, Volume 34, Issues 1-2, April 2001, Pages 57-74*  
 Johan de Veth, Febe de Wet, Bert Cranen and Louis Boves  
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*Information and Software Technology, Volume 42, Issue 14, 15 November 2000, Pages 983-992*  
 C. Wohlin, A. von Mayrhauser, M. Höst and B. Regnell

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Ronald N. Kostoff  
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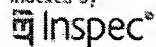
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DOCUMENT-IDENTIFIER: US 20050234763 A1

TITLE: Predictive model augmentation by variable transformation

PUBLICATION-DATE: October 20, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
<u>Pinto</u> , Stephen K.	Newton	MA	US
Mansfield, Richard	Cambridge	MA	US
Jacobs, Marc	Needham	MA	US
Rubin, Donald	Newton	MA	US

US-CL-CURRENT: 705/10; 705/7

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
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PGPUB-DOCUMENT-NUMBER: 20050234762

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050234762 A1

TITLE: Dimension reduction in predictive model development

PUBLICATION-DATE: October 20, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
<u>Pinto</u> , Stephen K.	Newton	MA	US
Mansfield, Richard	Cambridge	MA	US
Rubin, Donald	Newton	MA	US

US-CL-CURRENT: 705/10; 705/38, 705/7

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMOC	Draw De
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☐ 3. Document ID: US 20050234761 A1

L1: Entry 3 of 9

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Oct 20, 2005

PGPUB-DOCUMENT-NUMBER: 20050234761

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050234761 A1

TITLE: Predictive model development

PUBLICATION-DATE: October 20, 2005

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
<u>Pinto</u> , Stephen K.	Newton	MA	US
Mansfield, Richard	Cambridge	MA	US
Rubin, Donald	Newton	MA	US

US-CL-CURRENT: 705/10

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMOC	Draw De
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PGPUB-DOCUMENT-NUMBER: 20050234760

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050234760 A1

TITLE: Target profiling in predictive modeling

PUBLICATION-DATE: October 20, 2005

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
<u>Pinto</u> , Stephen K.	Newton	MA	US
Mansfield, Richard	Cambridge	MA	US

US-CL-CURRENT: 705/10

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMOC	Draw De
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PGPUB-DOCUMENT-NUMBER: 20050234753  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20050234753 A1

TITLE: Predictive model validation

PUBLICATION-DATE: October 20, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
<u>Pinto</u> , Stephen K.	Newton	MA	US
Mansfield, Richard	Cambridge	MA	US
Jacobs, Marc	Needham	MA	US
Rubin, Donald	Newton	MA	US

US-CL-CURRENT: 705/7; 700/97, 705/10

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PGPUB-DOCUMENT-NUMBER: 20050234698  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20050234698 A1

TITLE: Predictive model variable management

PUBLICATION-DATE: October 20, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
<u>Pinto</u> , Stephen K.	Newton	MA	US
Mansfield, Richard	Cambridge	MA	US

US-CL-CURRENT: 703/22

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PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20050234697 A1

TITLE: Predictive model management

PUBLICATION-DATE: October 20, 2005

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
<u>Pinto</u> , Stephen K.	Newton	MA	US
Mansfield, Richard	Cambridge	MA	US

US-CL-CURRENT: 703/22

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw De
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Oct 20, 2005

PGPUB-DOCUMENT-NUMBER: 20050234688

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050234688 A1

TITLE: Predictive model generation

PUBLICATION-DATE: October 20, 2005

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
<u>Pinto</u> , Stephen K.	Newton	MA	US
Mansfield, Richard	Cambridge	MA	US
Jacobs, Marc	Needham	MA	US
Rubin, Donald	Newton	MA	US

US-CL-CURRENT: 703/6; 703/13

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw De
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☐ 9. Document ID: US 7080117 B2

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☐ 1. Document ID: US 20050234763 A1

L2: Entry 1 of 10

File: PGPB

Oct 20, 2005

PGPUB-DOCUMENT-NUMBER: 20050234763

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050234763 A1

TITLE: Predictive model augmentation by variable transformation

PUBLICATION-DATE: October 20, 2005

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Pinto, Stephen K.	Newton	MA	US
Mansfield, Richard	Cambridge	MA	US
Jacobs, Marc	Needham	MA	US
Rubin, Donald	Newton	MA	US

US-CL-CURRENT: [705/10](#); [705/7](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMJC	Draw Da
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☐ 2. Document ID: US 20050234762 A1

L2: Entry 2 of 10

File: PGPB

Oct 20, 2005

PGPUB-DOCUMENT-NUMBER: 20050234762

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050234762 A1

TITLE: Dimension reduction in predictive model development

PUBLICATION-DATE: October 20, 2005

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Pinto, Stephen K.	Newton	MA	US
Mansfield, Richard	Cambridge	MA	US
Rubin, Donald	Newton	MA	US

US-CL-CURRENT: [705/10](#); [705/38](#), [705/7](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KIMC	Draw. De
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☐ 3. Document ID: US 20050234761 A1

L2: Entry 3 of 10

File: PGPB

Oct 20, 2005

PGPUB-DOCUMENT-NUMBER: 20050234761

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050234761 A1

TITLE: Predictive model development

PUBLICATION-DATE: October 20, 2005

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Pinto, Stephen K.	Newton	MA	US
Mansfield, Richard	Cambridge	MA	US
Rubin, Donald	Newton	MA	US

US-CL-CURRENT: 705/10

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KIMC	Draw. De
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☐ 4. Document ID: US 20050234760 A1

L2: Entry 4 of 10

File: PGPB

Oct 20, 2005

PGPUB-DOCUMENT-NUMBER: 20050234760

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050234760 A1

TITLE: Target profiling in predictive modeling

PUBLICATION-DATE: October 20, 2005

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Pinto, Stephen K.	Newton	MA	US
Mansfield, Richard	Cambridge	MA	US

US-CL-CURRENT: 705/10

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KIMC	Draw. De
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☐ 5. Document ID: US 20050234753 A1

L2: Entry 5 of 10

File: PGPB

Oct 20, 2005



PGPUB-DOCUMENT-NUMBER: 20050234753  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20050234753 A1

TITLE: Predictive model validation

PUBLICATION-DATE: October 20, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Pinto, Stephen K.	Newton	MA	US
Mansfield, Richard	Cambridge	MA	US
Jacobs, Marc	Needham	MA	US
Rubin, Donald	Newton	MA	US

US-CL-CURRENT: 705/7; 700/97, 705/10

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw De
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☐ 6. Document ID: US 20050234698 A1

L2: Entry 6 of 10

File: PGPB

Oct 20, 2005

PGPUB-DOCUMENT-NUMBER: 20050234698  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20050234698 A1

TITLE: Predictive model variable management

PUBLICATION-DATE: October 20, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Pinto, Stephen K.	Newton	MA	US
Mansfield, Richard	Cambridge	MA	US

US-CL-CURRENT: 703/22

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw De
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☐ 7. Document ID: US 20050234697 A1

L2: Entry 7 of 10

File: PGPB

Oct 20, 2005

PGPUB-DOCUMENT-NUMBER: 20050234697  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20050234697 A1

TITLE: Predictive model management

PUBLICATION-DATE: October 20, 2005

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Pinto, Stephen K.	Newton	MA	US
Mansfield, Richard	Cambridge	MA	US

US-CL-CURRENT: 703/22

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw Da
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☐ 8. Document ID: US 20050234688 A1

L2: Entry 8 of 10

File: PGPB

Oct 20, 2005

PGPUB-DOCUMENT-NUMBER: 20050234688

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050234688 A1

TITLE: Predictive model generation

PUBLICATION-DATE: October 20, 2005

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Pinto, Stephen K.	Newton	MA	US
Mansfield, Richard	Cambridge	MA	US
Jacobs, Marc	Needham	MA	US
Rubin, Donald	Newton	MA	US

US-CL-CURRENT: 703/6; 703/13

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw Da
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☐ 9. Document ID: US 20050096950 A1

L2: Entry 9 of 10

File: PGPB

May 5, 2005

PGPUB-DOCUMENT-NUMBER: 20050096950

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050096950 A1

TITLE: Method and apparatus for creating and evaluating strategies

PUBLICATION-DATE: May 5, 2005

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Caplan, Scott Malcolm	Alpharetta	GA	US
Chang, Yen Fook	Piedmont	CA	US

Cohen, Michael Raymond	Richmond	CA	US
Crawford, Stuart	Piedmont	CA	US
Favero, Brendan Del	Davis	CA	US
Fahner, Gerald	Novato	CA	US
Fung, Robert Mun-Cheong	Davis	CA	US
Hoadley, Arthur Bruce	Berkeley	CA	US
Hua, Jun	Greenbrae	CA	US
Lyons, Chisoo S.	San Rafael	CA	US
Perlis, John	San Rafael	CA	US
Shikaloff, Nina	San Francisco	CA	US
Sullivan, Gary	Berkeley	CA	US
Thaker, Aush			US
Wells, Eric C.			US

US-CL-CURRENT: 705/7

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	RWC	Draw. De
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☐ 10. Document ID: US 20030004777 A1

L2: Entry 10 of 10

File: PGPB

Jan 2, 2003

PGPUB-DOCUMENT-NUMBER: 20030004777

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030004777 A1

TITLE: Controller for controlling a system

PUBLICATION-DATE: January 2, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Phillips, Alan Paul Rolleston	Banbury		GB

US-CL-CURRENT: 705/10

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	RWC	Draw. De
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PERFORMANCE	1102105